

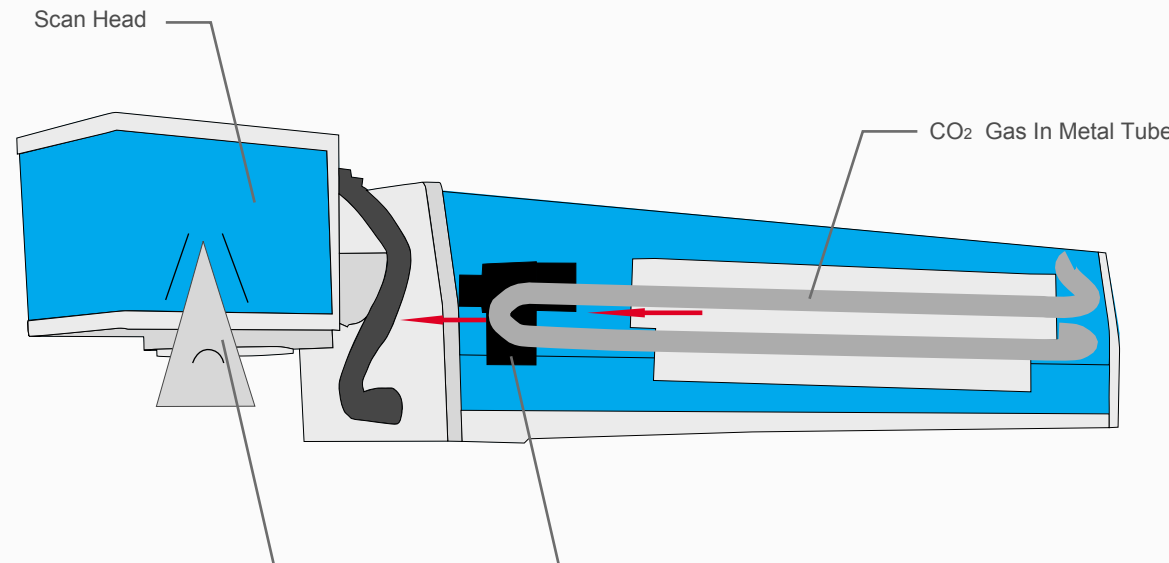
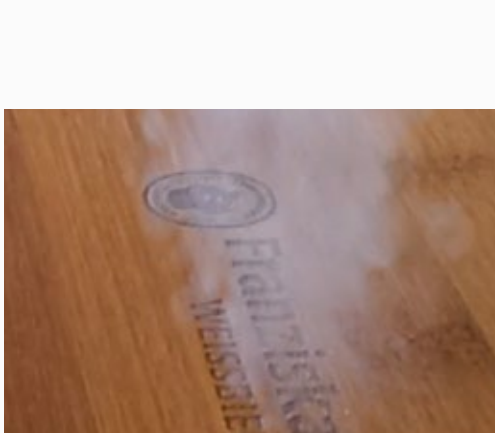
CO2 Laser Marking Machine: Metal Laser Tube (HS-CL)

Laser power range

- 10W (HS-CL10)
- 30W (HS-CL30)
- 50W (HS-CL50)

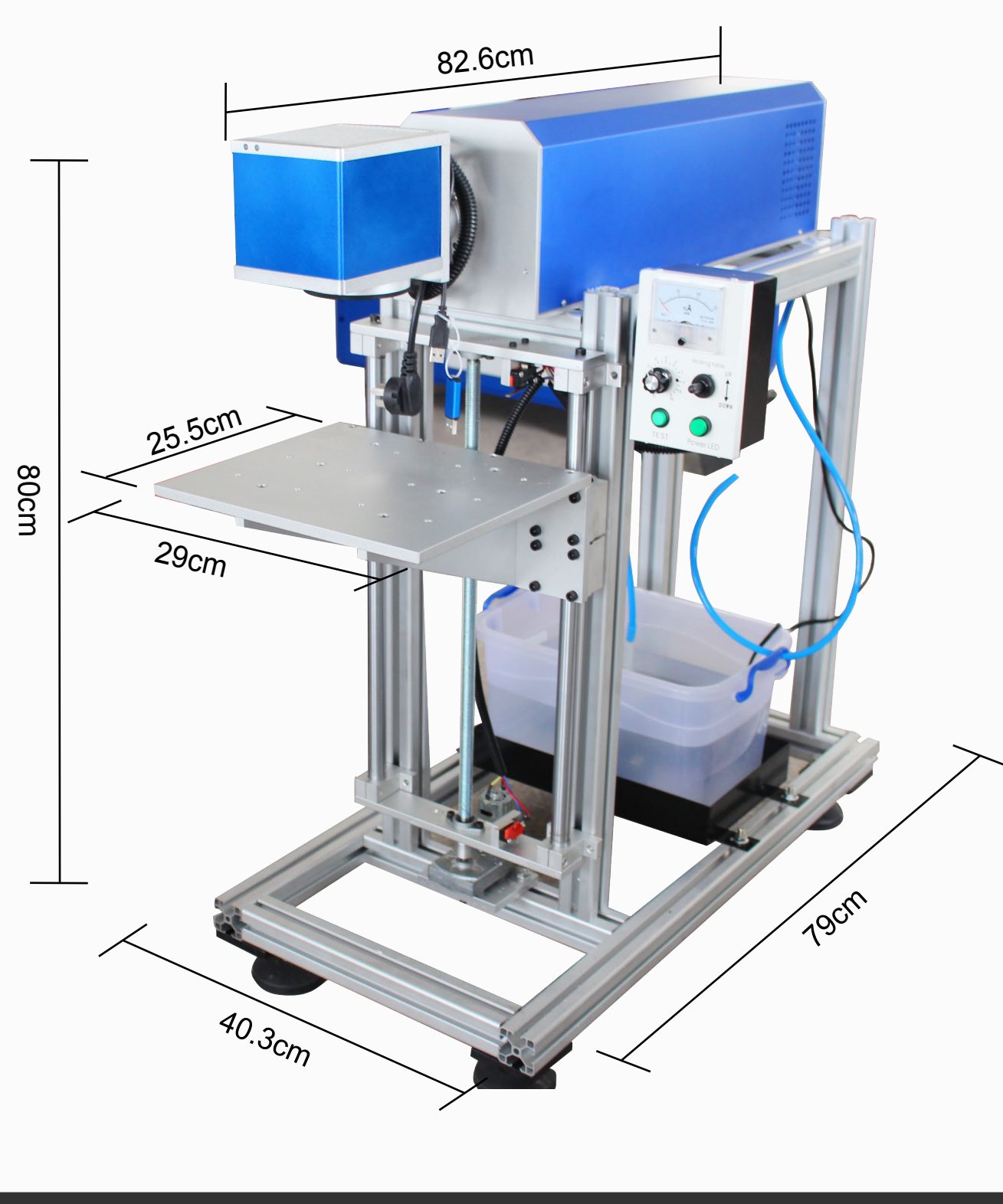


CO2 Laser Marking Technology



The CO2 Laser is a Gas Laser that marks non-metal (organic) materials such as wood, glass, plastic and packaging. The combination of excellent speed, high precision and absolute convenience leave this laser with no parallels.

- The CO2 Laser is programmed to work through a PC
- With the software installed, a click on the "Mark" button activates the Gas Tube for the generation of a small but intense laser beam.
- The scan head that receives the beam controls and accurately positions the beam to create the required markings.
- The entire process of transferring the marked device from the laser chamber to the output media takes just a few seconds.
- The metal laser tube has a long life of more than 20000 hours.



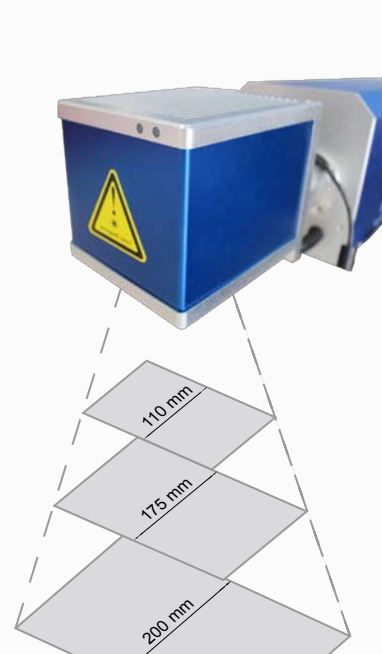
Features & Benefits

This metal tube CO2 laser system offers superior marking for even the most demanding production lines.

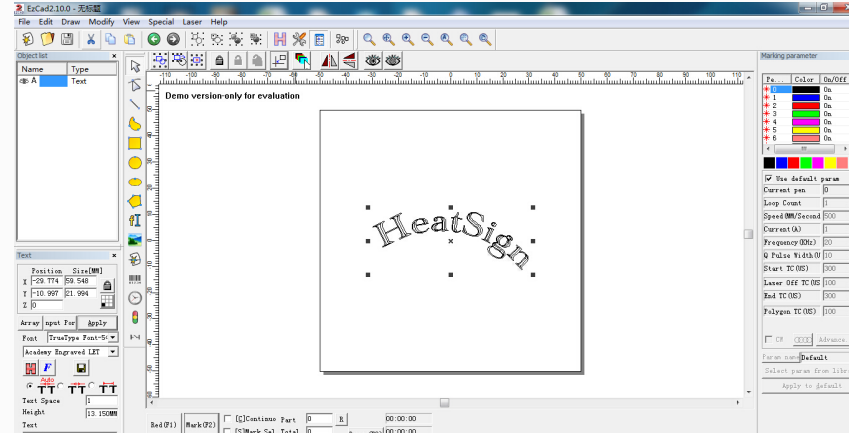
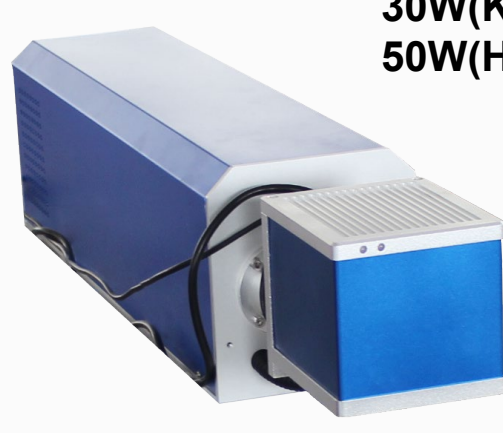
- **Reliability**
 - Perfect for harsh environments
 - Sturdy metal laser tube (above 20000 hours life)
 - Easily replaceable metal laser tube
 - Aluminum alloy lifting work table
- **Ease-of-Use**
 - Compact and low maintenance
 - Easy operation
 - Supports a variety of file formats (JPG, JPEG, TIF, PLT, DXF, DST, BMP, PNA and others)

- **Security**
 - Efficient water cooling system
 - The high-speed flow pump offers working stability
- **Performance.**
 - Amazing versatility
 - High-precision marking up to 2 mm deep
 - Software supports all characters, numbers, codes & graphics

Marking area: 110 x 110 mm / 3.9 x 3.9 inches
Option: 175 x 175 mm / 6.7 x 6.7 inches
Option: 200 x 200 mm / 8.3 x 8.3 inches



Laser source 10W(HS-CL10)
30W(KT-CL30)
50W(HS-CL50)



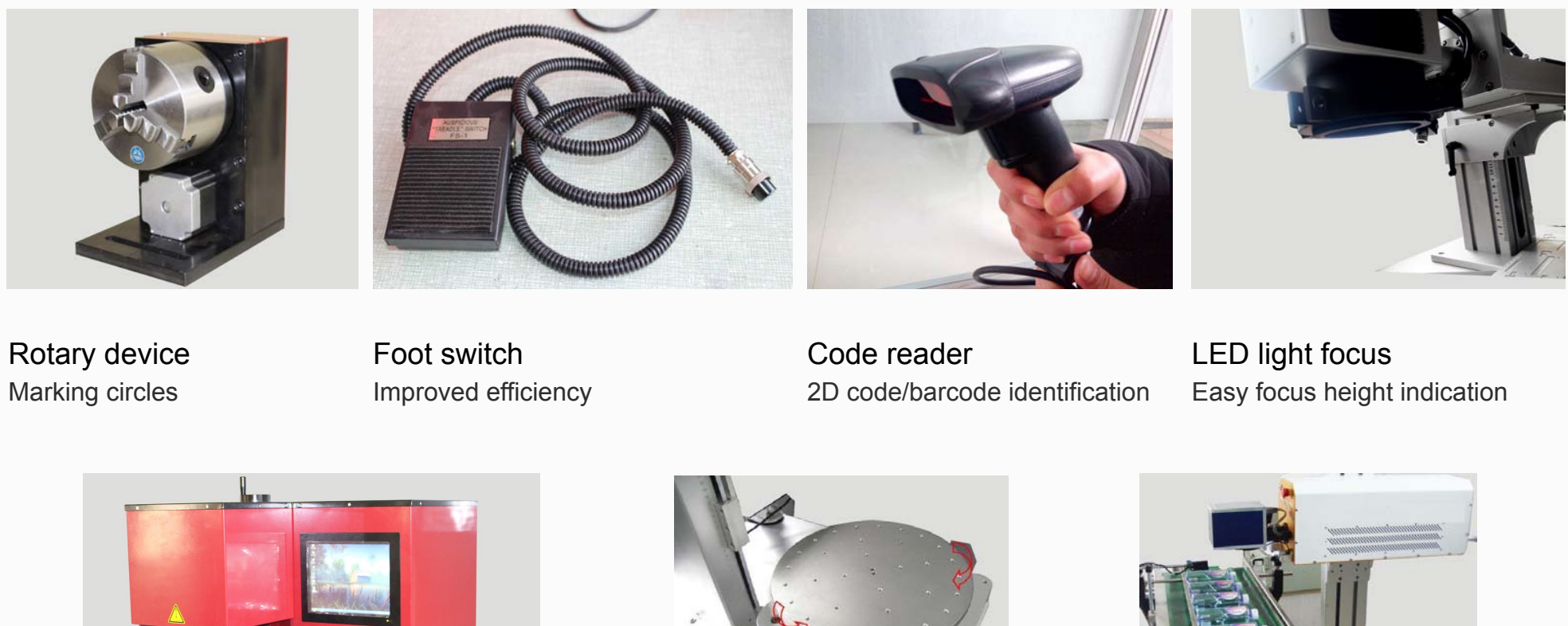
Model	HS-CL10	HS-CL30	HS-CL50
Power Output	10W	30W	50W
Standard Marking Area	100mm x 100mm		
Optional Marking Area	150mm x 150mm/200mm x 200mm/250mm x 250mm/300mm x 300mm		
Marking Speed	≤9000mm/s		
Wave Length	1064±10nm		
Repeated Accuracy	±0.01mm		
Mini Line Characters	0.8mm		
Mini Line Width	0.1mm		
Marking Depth	≤2mm (depends on material)	≤4mm (depends on material)	≤5mm (depends on material)
Power Supply	AC220V±10% 50Hz or AC110V±10% 60Hz(optional)		
Operation Temperature	10-35°C		
System / Compatible Formats	Windows XP or 7 32bit/AI, PLT, DXF, DST, BMP, JPG, JPEG, PNA, TIF etc		
Glass Tube Work Life	About 20000 hours		

Application and Marking Samples

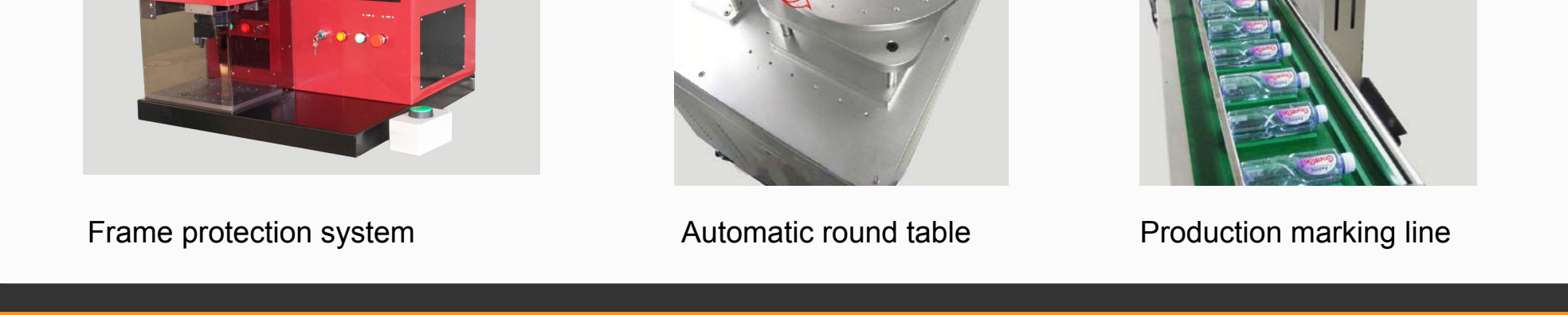


Covers a large number of non-metal materials (leather, cloth, wood, bamboo, paper, glass, rubber, plastic, acrylic, crystal and others)

Options & Accessories



- Rotary device**
Marking circles
- Foot switch**
Improved efficiency
- Code reader**
2D code/barcode identification
- LED light focus**
Easy focus height indication



- Frame protection system**
- Automatic round table**
- Production marking line**